CHETAN GOLE

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SUMMARY

I have over 10 years of hands-on experience in designing and building scalable, multi-tenant, distributed, cloud-native, SaaS products using Java and allied technologies, hosted on AWS Cloud.

SKILLS

- Java Platform
- Spring Framework: Core, Boot.
- Amazon Web Services (AWS)
- Multi-tenant, Cost-effective & Scalable, SaaS.
- Hands-on Coder, Technology Lead, and Enthusiast
- Basic knowledge of JavaScript and UI frameworks
- Docker, Gradle, Linux.

- Microservices Architecture
- Algorithms & Data Structures
- Observability & Monitoring
- CI/CD & Automation, Python
- Serverless: AWS Lambda, SAM, Dynamo DB
- NoSQL & Relational DB.
- Robot Test Automation Framework

EXPERIENCE

JANUARY 2014 – PRESENT (7 YEARS 6 MONTHS)

Software Specialist / *SAS Research & Development Pvt Ltd, Pune*
Product: SAS Customer Intelligence 360 - www.sas.com/ci360

SAS CI360 is a cloud-based, multi-tenant, SaaS, multi-channel marketing solution to plan and execute marketing campaigns. Technically, it has over a hundred microservices with a multi-technology stack in all the levels serving thousands of tenants using multi-region deployment in AWS.

- Responsible for **end-to-end development** of a feature, that including requirement analysis, system design, technology choices, coding, deployment, production support and monitoring. I am one of the key **stakeholders in architecture designs** and decisions in CI360 from Pune Team.
- I **mentor and supervise a team** of developers technically that includes helping them taking technical decisions, review their design and code.
- Led migration of many CI360 services from **monolith to microservices** that saved a lot of costs and these services can be scaled, deployed, updated independently.
- Conceptualized and developed a couple of **shared libraries and frameworks** that are used across CI360. Received the "**Valuable Contribution Recognition**" award for this contribution in 2018.
- Developed and led a **Cloud-based Connector Framework** for CI360 that enables third-party integrations. Using this framework customers and consultants can enhance the CI360 features. It

also allows integration with the on-premises application which was achieved using web sockets and an on-premises client. The Framework was awarded "**360 Innovation**" in 2019.

- Designed and developed a **serverless event-driven micro-service** using Java and AWS Lambda, that enables customers to export selective data from CI360 in a spreadsheet on an event or from the UI.
- Developed a couple of **observability & monitoring dashboards** using Datadog to detect anomalies like tenant starvation, persisted error occurrence, cost optimizations, and so on.
- Led and **migrated a couple of on-premises features** from classic SAS products to **AWS cloud**, considering various aspects of distributed cloud systems like multi-tenancy, scalability, etc.
- Conceptualized and developed a Python-based **generic test automation framework for serverless projects**. It saved a lot of costs as deployment is done on a local box using AWS SDK.

MARCH 2011 – DECEMBER 2013 (2 YEARS 10 MONTHS)

Sr. Software Engineer / *Persistent Systems Limited.*

Product: Thermo Fisher Scientific- Ion Reporter - https://ionreporter.thermofisher.com/

Ion Reporter Software, a suite of bioinformatics tools, streamlines, and simplifies semiconductor sequencing. Technically, it is a cloud-hosted SaaS with a couple of microservices hosted on AWS.

- Developed various modules and features using Java, Spring, Hibernate, MySQL.
- Awarded with "**You made a difference**" two times for various contributions.

EDUCATION

Master of Computer Application - 2010, *Nagpur University*

Bachelor of Science in Computer Science - 2007, *Nagpur University*

OPEN-SOURCE CONTRIBUTIONS

For SAS Customer Intelligence 360, we developed an integration framework that enables easy integration with third-party solutions. I have conceptualized and developed a couple of **sample connectors** that are hosted on the **official SAS GitHub** profile and are being used as a baseline for production connectors.

- SAS CI360 Sample Connectors: https://github.com/sassoftware/ci360-connectors
- SAS CI360 Data Transfer Connector: https://github.com/sassoftware/ci360-data-transfer-connector

Created a Python-based **Listener for the Robot Framework** to ease the report viewing of the Test Automation Summary report from the Microsoft Teams channel. It is being used daily at SAS.

- Robot MS Teams Listener: https://github.com/chetangole/robot-framework-listener-ms-teams

WordPress is an open-source PHP based CMS; I developed two **plugins for WordPress** in PHP & JS.

- WP Copy Protect: *30k installations:* http://wordpress.org/extend/plugins/wp-copyprotect/
- Smooth Scroll Links: *1k installations:* http://wordpress.org/extend/plugins/smooth-scrolling-links-ssl/